

Holding support for vertebra - is of tubular form with an external screw thread and is made of titanium

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Abstract

An artificial spacer is used to hold two adjacent vertebrae at the correct distance from each other after the cartilage disc, which normally holds the vertebrae in position, has been removed. The spacer (501) is of tubular form and is screwed into the two vertebrae (311) to hold them at the required distance from each other.
The spacer is made from a material of the necessary strength and stiffness such as titanium. The spacer has radial holes in its wall and these holes extend from the inner surface to the outer surface.
ADVANTAGE - The element holds the vertebrae in a stable position and can resist both tensile and compressive forces.

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